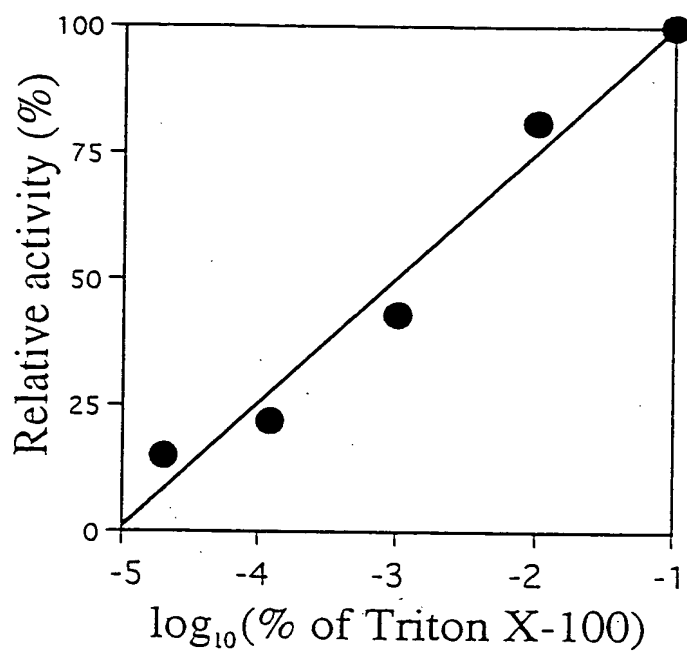


APPROVED	O.G. FIG.	
BY:	CLASS	SUBCLASS
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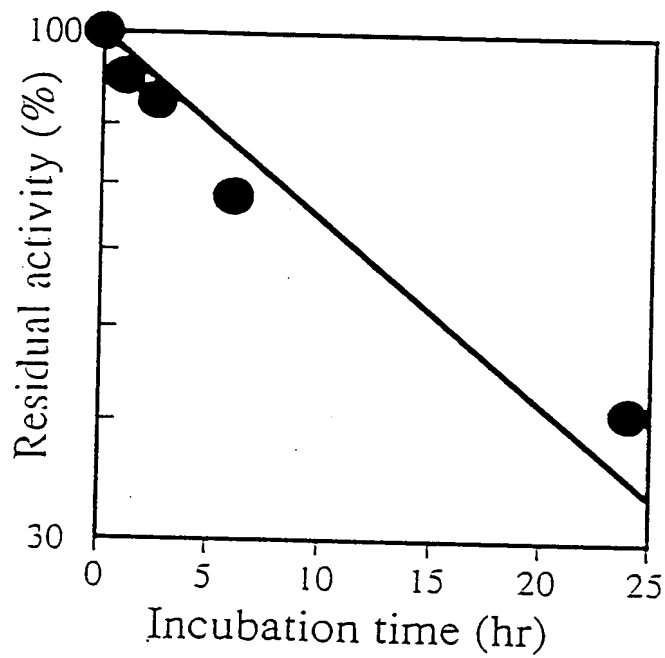
FIG. 1



663080" 5226360

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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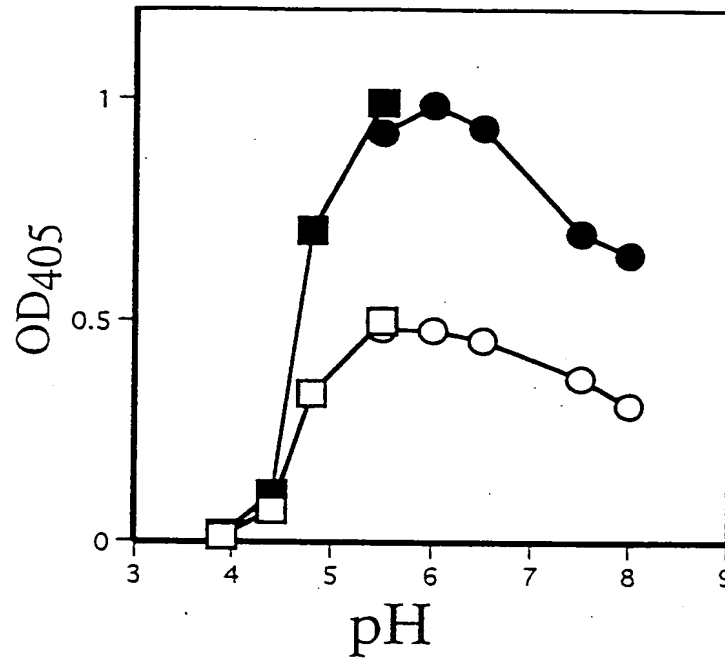
FIG.2



003030" 36263660

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG.3



663080" 5E265E60

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG.4

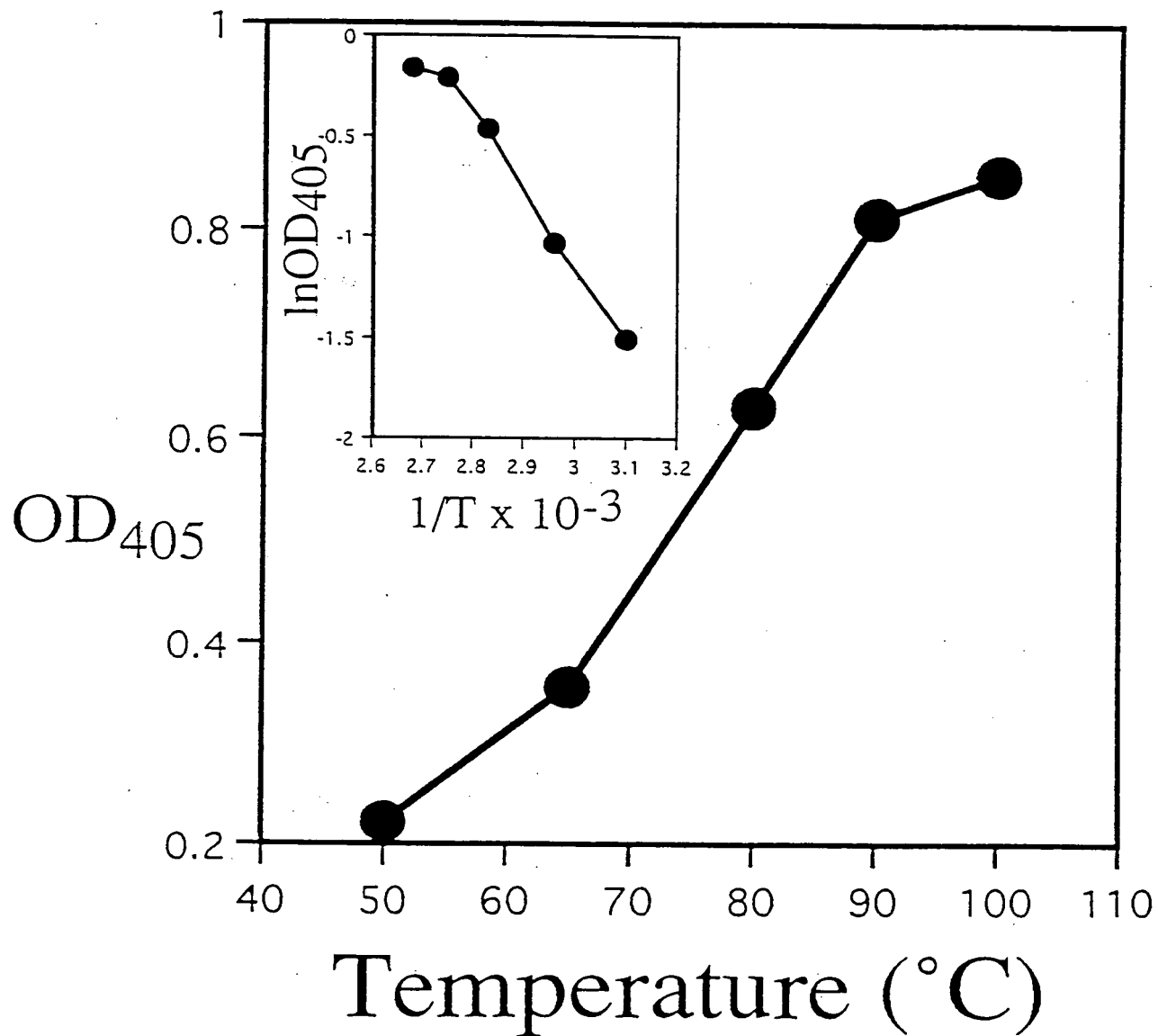


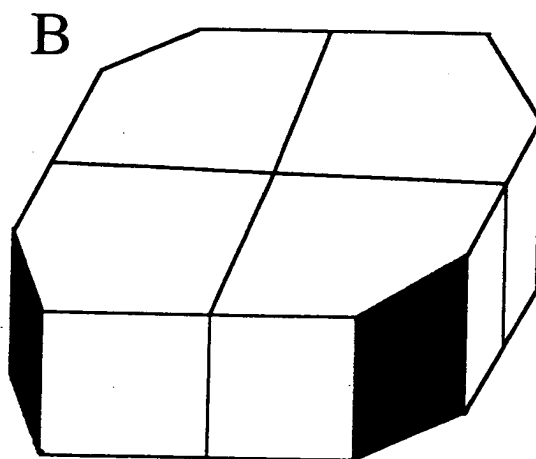
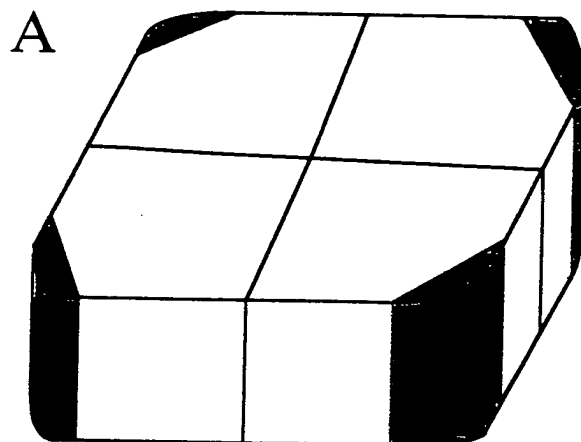
FIG.5

BG Ph	PLKFPPEFL	PLTATSSIC	ELNNRW----	MDVYYE Q-----	IGK	37
BM Ph	-----HET	WCVVQSAFCF	EMGDPYRRNI	OPRSDWYVW	ROPYNIKNOL	44
BM Pf	-----FPEHFL	WCVVQSAFCF	EMGDKLRNI	OTMDWVWV	ROKTNIEKGL	47
BG Pf	M--KFPKFM	FCYWSGFCF	EMGLP--GSE	-VESDWVWV	HDKENIASGL	45
Sb-gly	M-YSPNSFR	FCWSQAGFCF	EMGTP--GSE	OPMDWKVW	HOPENMAAGL	47
Consensus	M--.FP..E.	FC..QSGFCF	EMG.P....	D...CW.VW	D..NI..GL	50
BG Ph	LPYRSG-KAC	NHWELVDDI	QLMTSLGNA	YRFSIEWERL	FR-----	78
BM Ph	VSGDLPEEGI	NNYELYEIDH	RLAKELCLNA	YQLTIEWERI	FRCTPTFNVEV	94
BM Pf	VSGDLPEEGI	NNYELYEKDH	ELARKLCLNA	YRIGIEWERI	FRWPTTFIDV	97
BG Pf	VSGDLPENGP	AYWHLYKQDH	DIAEKLGMD	IRGGIEWERI	FRKPTFDVKV	95
Sb-gly	VSGDLPENGP	GYWGNKTFH	DNAQKYLKI	ARLNIEWERI	FRNPLPRPQN	97
Consensus	VSGDLPE.G.	N.WELM..DH	..A.KLCLNA	YR...IEWERL	FR.PT....V	100
BG Ph	-----EENK	FNE-----	DAFMHYREII	DLTLTFITP		105
BM Ph	EFERD-GYGL	IKKVKEKEH	LEELOKLANQ	KEVRHYLNVL	RNLKKGFTT	143
BM Pf	OYSYNESYNL	IEDVKITKDT	LEELDEIANK	REVAYYRSVI	NSLRSHGFKV	147
BG Pf	DVEKD-EEGN	IISVDVPEST	IKLEKIANM	SALEHYRKIY	SDWKERCKTF	144
Sb-gly	FDESKQDVTE	VEINENELKR	LOEY---ANK	DALNHYREIF	KDLKSPGLYF	144
Consensus	..E.....	I..V..E...	L..EL...AN.	..A..HYR.I.	..LK.PC.T.	150
BG Ph	LVTLHFTSP	LWF-----	-----MKKCG	FLREENLKH	EKYIEKVA-E	142
BM Ph	FVTLNHQTNP	LDIHDPIETR	GNFQKARAFG	WVDERTIIEF	AKYAAYVANK	193
BM Pf	IVNLHFTLP	LWLDHPIEAR	ERALTNRNG	WNPRTVIEF	AKYAAYIAK	197
BG Pf	ILNLHFWPLP	LWLDHPIAVR	KLGPDRAPAG	WLDEKTVVEF	VKFAAFVAKH	194
Sb-gly	ILNLHFWPLP	LWLDHPIRVR	R-GDFTGPSG	WLSTRTVYEF	ARFSAYIAK	193
Consensus	IVNL..E.TLP	LD..HDPI..R	.....G	WL.ERTV..EF	AKYAAYVAK	200
BG Ph	LLENKLVPT	FNEPMVVM	GTLTAY--WP	FFIRSPFKAF	KVAANLLKAH	190
BM Ph	FDMVVDWST	FDEPMVITAE	GYLAPYVGNP	PGILNPSAAK	KVIINQIVAH	243
BM Pf	FGDIVDMWT	FNEPMVVVEL	GYLAPYSGFP	PGVLNPERAK	LAILHMINAH	247
BG Pf	LDDIVDMWT	MNEPMVYNQ	GYINLRSGFP	PGYLSFEAAE	KAKFNLICAH	244
Sb-gly	FDDIVDEYST	MNEPMVGGG	GYVGVKSGFP	PGYLSFELSR	RHMVNIICAH	243
Consensus	FDD..D.WST	FNEPMV..L	GVL..YSGFP	PG..LSPEAA	K...N.I..AH	250
BG Ph	ALAYELLHG-	-----KF	K--VGLVKN	I--PIILPAS	DKERDRKAAE	226
BM Ph	AFAYDSIKKF	-----SS	KP--VGVILN	II-PAYPLOP	NDSKSVRAAE	282
BM Pf	ALAYRQIKKF	OTKADKDSK	EPAEVGLIYN	NIGVAYPKDP	NDSKDVKAEE	297
BG Pf	ICAYDAIKY	-----SE	KS--VGVIIA	F--AWH--OP	LAEEIKDEVE	280
Sb-gly	AFAYDGKSV	-----SK	KP--VGLIYA	N--SSF--QP	LTDKDEAVE	279
Consensus	A..AYD..IK..	-----S.	KP--VGLIYN	---DP	...KD..AAE	300
BG Ph	KADNLFNWHF	LDATWSGKYR	GVF---KTYR	IP-QSDACFI	GANNYTASEV	272
BM Ph	NYDLFNHRLF	LEAVNRGNVD	LOITGE-YTK	IPHIKRNDAI	GANNYTREV	331
BM Pf	NDNFFHSGLF	FEAIHKGKLN	IEFDGETFID	APYLKGNDAI	GANNYTREV	347
BG Pf	EIRKGD--	YE-FV-----	-----TILH	S--KGKLDIAI	GANNYSRLV	312
Sb-gly	MAENDNRWF	FDALIRGEIT	RGN--EKIVR	DOLKGRLEAI	GANNYTRTV	327
Consensus	.....F	..EAI..G...	-----E....	..P....D..I	GANNYTR..V	350
BG Ph	RHT---WNPL	K-----	FFFEVK---L	ADISERKTQM	GWEVYFKGLY	307
BM Ph	KYVERKYEEL	PLITFVGVEG	YGYSGNPNLS	SPDNNPTSDF	GWEVFPGLY	381
BM Pf	TYQEPMFPSI	PLITFKGVQG	YGACRPGTL	SKDRPVSDI	GWELYFEGMY	397
BG Pf	GAKDGHLVPL	P-----G	YGFMSEGGF	AKSGRPASDF	GWEMFEGGLE	354
Sb-gly	KRTKGYVSL	G-----G	YGHGCRNSV	SLAGLPTSDF	GWEFFEGGLY	369
Consensus	...E.....L	P-----G	YG.....L	S....P.SDF	GWE..YEGGLY	400
BG Ph	MALKKA-SFY	GRPLYITENG	DAITLIEWRV	EFIICHLQYV	HKAIEELGLV	356
BM Ph	DSTLEA-AEY	NKEVFTENG	DAOSHDILRP	RYIICHVNEV	KKLIENGIRV	430
BM Pf	DSIVEA-HFY	GVPVYITENG	DAOSHDILRP	YYIASHIKMI	EKAFELGVEV	446
BG Pf	NLLKTLNNFY	ELPMIITENG	MADAADRYRP	HYLVSHLKAV	YNAMKEGACV	404
Sb-gly	DVLTKYWNFY	HLMYIITENG	DAADADYCRP	YYLVSHVYQV	HRAINSGACV	419
Consensus	D..L..A...Y	...P.YITENG	DAO..D..RP	..YI..SH...V	..KAIE..G..V	450
BG Ph	FGYFWASFMD	NHEWAGCFP	RFGLVEVDYQ	TFERRFRKSA	Y-VYGETARS	405
BM Ph	GGYFWALTD	NHEWAGCFKI	RFGLYEVDLI	TKERIFRRRS	VEIYKILVME	480
BM Pf	HGYFWALTD	NHEWAGCFRM	RFGLYEVNLI	TKERIFREKS	VSIFREIVAN	496
BG Pf	FGYFWASLTD	NHEWAGCFRM	RFGLVVDFFE	TKKRYLRPSA	L-VFREIATQ	453
Sb-gly	FGYFWASLTD	NHEWAGCFSM	RFGLLVVDYN	TKRLVWRPSA	L-VYREIATN	468
Consensus	FGYFWASLTD	NHEWAGCFM	RFGL..EVD..	TKER..FR..SA	..VYREIA..	500
BG Ph	KEIKDELLKR	YGL---PELQ	L			423
BM Ph	-GIE-----					483
BM Pf	NGVTKKIEE-	-----ELLR	G			510
BG Pf	KEIPEELAH	ADLKFTV--R	K			472
Sb-gly	GAITDEIEHL	NSVPPVKPLR	H			489
Consensus	..I..E.....LR				521

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APPROVED	O.G. FIG.	
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FIG.6



00000" 00000000

FIG.7

